New program makes it easier to turn your computer into a conversational chatterbox

We've already seen how awkward computers can be when they try to speak like humans, but researchers from North Carolina State and Georgia Tech have now developed a program that could make it easier to show them how it's done. Their approach, outlined in a recently published paper, would allow developers to create natural language generation (NLG) systems twice as fast as currently possible. NLG technology is used in a wide array of applications (including video games and customer service centers), but producing these systems has traditionally required developers to enter massive amounts of data, vocabulary and templates -- rules that computers use to develop coherent sentences. Lead author Karthik Narayan and his team, however, have created a program capable of learning how to use these templates on its own, thereby requiring developers to input only basic information about any given topic of conversation. As it learns how to speak, the software can also make automatic suggestions about which information should be added to its database, based on the conversation at hand. Narayan and his colleagues will present their study at this year's Artificial Intelligence and Interactive Digital Entertainment conference in October, but you can dig through it for yourself, at the link below.

Source: North Carolina State University (1)

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New program makes it easier to turn your computer into a conversational chatterbox -- Engadget

Zero1 VooMote Zapper

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---|---|---
**FORM FACTOR**
Other
**PROGRAMMABLE**
Yes
**DIMENSIONS**
0.81 x 1.52 x 0.3 in

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ibm maximo 5 months ago

Just what I need, another chatterbox.

Anthony Honciano 7 months ago

Ice cream is fun

unenthun 7 months ago

crowd sourced language development?

Warren 7 months ago

So, now YEARS later technology is going to allow A.L.I.C.E. to speak verbally!?!?
http://alice.pandorabots.com/
This sounds nice, but I’d seen so many ‘auto-corrected’ text messages. I hope this works.
Zim’s Experience
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Comments

Apple 'captures' new iPads due to WiFi complaints

1. Anthony Honciano 7 months ago

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2. Warren 7 months ago

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http://www.youtube.com/watch?v=
‘Computers’ talking to each other
http://www.youtube.com/watch?v=

Attached files
Christopher Godsoe 7 months ago in reply to Qiviance

Perhaps I did not explain myself adequately. I am interested in the topic of simulated intelligence in software (the focus of this), but not necessarily what those programs have to say.

Hence, my analogy stands. The "concept" of my x-wife was far more appealing that what generally came out of her mouth.

Qiviance 7 months ago in reply to Christopher Godsoe

So, you couldn't care less huh. Thanks for the informative comment.

FlutterDoo 7 months ago in reply to Qiviance

I feel that people should be allowed to say whatever they want in the comments section.

Ora_Mi 7 months ago

Bottom line. When sky net takes over these robots will talk you to death. While the others chain gun you to death. Nbd rite?

Vamshi Bhaskerabotla 7 months ago

Android tips : Hey I like your site but dont see any place to send comments/feedback there!!

Android tips 7 months ago

What a beautiful research is it.........

CraigHyatt 7 months ago

Go Wolfpack!

Thomas Davis 7 months ago

NLG Bringing Skynet one step closer...

Geekout 7 months ago

they want bodies!!!!!!! i was talking to a cleverbot the other day and it was flirting with me!! THE TIME HAS COME

Kolton Naples 7 months ago

Just what I need, another chatterbox

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Robots believe in unicorns? Seems like the Robot Apocalypse won't be as bad as they say so. When robots realize unicorns don't exist then we can give them credit for global domination.

Comment exploded into a million tiny pieces of glittery magic.

Are you saying its never gonna happen?

Comment exploded into a million tiny pieces of glittery magic.

IBM already developed a chip which simulates 256 neurons and 320,000 synapses.

Asterisk + Chatterbot = loads of fun with telemarketers.

Please let someone do this! I'm so curious how long such a conversation would last...

Mormons In The Machine.

Put a bit more budget into it and you could get some realistic faces like in L.A Noire

& by working your naive employees into the ground, making them quit and forcing you to go into administration.

Was anyone else eerily reminded of Fahrenheit 451?

Haha . Great.

so let me get this straight, someone noticed that language libraries are currently stored in arrays and decided to use hashmaps instead. PROGRESS, we're getting there.
Max Woolf 7 months ago in reply to Sutali

Soon we’re going to have language libraries in hashmaps whose keys are assigned to hashmaps.

DATA STRUCTURECEPTION

r245 7 months ago

NLG = not looking good

Juan Carlos 7 months ago

Forever alone...

ste1700 7 months ago

Wow. I want this program. Then i could use like Star trek. Computer, play me some Mozart.

pianoplayer98 7 months ago in reply to ste1700

[obligatory 2001 reference]

Jordaan Mylonas 7 months ago in reply to ste1700

That level of sophistication was reached years ago. Xbox+Kinect does this pretty well if you wish to try it out.

BertrandsBox 7 months ago in reply to ste1700

It’s more of a developer tool at the moment, so it could be quite a while until we consumers see the results of this.

Max Woolf 7 months ago

I am not a chatterbox. I am a unicorn.

FirewaveZ 7 months ago in reply to Max Woolf

Apple called, they want you back.

Tony DoMonte 7 months ago in reply to Max Woolf

What is God to you?

bio_shocker 7 months ago in reply to Tony DoMonte

A unicorn. Jesus is also a unicorn. You are a unicorn. We are all unicorns.

Jay Machalani 7 months ago

SkyNet Step 1: Make a bunch of computer run artificial intelligence software..... one of them will realize someday.

Allegrotechie 7 months ago

http://www.engadget.com/2011/09/05/new-program-makes-it-easier-to-turn-your-computer-into-a-convers/
This is probably the funniest video I've seen in a while.

BertrandsBox 7 months ago in reply to Allegrotechie
1) You're not a mod?
2) Agreed! Better than most Youtube celebrities. *cough* RayWilliamJohnson*cough*
3) Obligatory Skynet mention: "OMGZ!! Skynet is heare!11"

Allegrotechie 7 months ago in reply to BertrandsBox
If you're saying that RWJ isn't funny then I would have to agree with you there. I don't find that amusing at "all"

BertrandsBox 7 months ago in reply to Allegrotechie
He's not. At all.
Actually funny people that come to mind are Toby Turner and Natalie Tran.

trickshot 7 months ago in reply to BertrandsBox
you sir/madam win!

LtCommanderData 7 months ago in reply to BertrandsBox
Seconded. What happened to Allegrotechie's modness?

Max Woolf 7 months ago in reply to BertrandsBox
"YouTube celebrity" is an oxymoron.

BertrandsBox 7 months ago in reply to Max Woolf
I may hate him, but someone with 1,250,000,000 views is famous to some degree. It's better than calling him a "celebrity" anyway.

Max Woolf 7 months ago in reply to BertrandsBox
I actually made a report today calculating the statistics on the Top Rated YouTube videos. On the Top 100, 80% of the views were for Music Videos. YouTube's a different place now.

http://i.imgur.com/ngg9s.png

Attached files

CodyTech 7 months ago in reply to Max Woolf
You did that why?

http://www.engadget.com/2011/09/05/new-program-makes-it-easier-to-turn-your-computer-into-a-convers/